

**Electronic Filing System (EFS) Data
Electronic Patent Application Submission
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EFS ID: 18921
Application ID: 10065425

Title of Invention: TIRE SIDE SLIP ANGLE CONTROL
FOR AN AUTOMOTIVE VEHICLE
USING STEERING PEAK SEEKING
ACTUATORS

First Named Inventor: Keith Mattson
Domestic/Foreign Application: Domestic Application
Filing Date: null
Effective Receipt Date: 2002-10-16 
Submission Type: Utility Patent Filing
Filing Type: new-utility
Confirmation Number: 0
Attorney Docket Number: 201-1535 GAS

Digital Certificate Holder: cn=Raymond L. Coppiellie, ou=Registered Attorneys, ou=Patent and Trademark Office, ou=Department of Commerce, o=U.S. Government, c=US
Certificate Message Digest: GTptK1ma1N99sDP9CVTvOg==

Total Fees Authorized: \$820.0

Payment Category: DA – Deposit Account
Deposit Account Number: 61510
Deposit Account Name: Saundra M. Lewis

JC474 U.S. PTO
10/065425

10/16/02

TRANSMITTAL FORM

Electronic Version 1.0.3

Stylesheet Version: 1.0

Attorney Docket
Number:

201-1535
GAS

Submission Type: Utility Patent
Filing

TIRE SIDE SLIP ANGLE CONTROL FOR AN AUTOMOTIVE VEHICLE USING STEERING PEAK SEEKING ACTUATORS

First Named Inventor: Keith Glenn Mattson

SUBMITTED BY

Organization Name: Ford Motor Company

Name: Saundra M. Lewis Electronic Filing
Specialist

Electronic Signature Mark: /sml Date Signed: 20021016

I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.

I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Attached Files:

declaration declaration1of2.tif

declaration	declaration2of2.tif
declaration	consentletter.tif
declaration	infodisclosurestatement1of2.tif
declaration	infodisclosurestatement2of2.tif
specification	Specification.xml
bibd-transmittal	201-1535apds.xml
fee-transmittal	201-1535fee.xml
patent-assignments	201-1535asgn.xml

Attached Image File(s):

declaration1of2.tif
declaration2of2.tif
consentletter.tif
infodisclosurestatement1of2.tif
infodisclosurestatement2of2.tif

Comments:

If insufficient funds in Deposit Account 06-1510, please use Deposit Account 06-1505.

DECLARATION AND POWER OF ATTORNEY - ORIGINAL APPLICATION

Attorney's Docket No.
201-1535

As a below named inventor, I hereby declare:

My residence, post office address and citizenship are as stated below next to my name;

I verily believe I am the original, first and sole inventor or an original, first and joint inventor of the subject matter that is claimed for which a patent is sought on the invention entitled

TIRE SIDE SLIP ANGLE CONTROL FOR AN AUTOMOTIVE VEHICLE USING STEERING PEAK SEEKING ACTUATOR
the specification of which is attached hereto.

I have reviewed and understand the contents of the specification identified above, including the claims.

I acknowledge my duty to disclose information of which I am aware that is material to the examination of this application in accordance with Section 1.56(a), Title 37 of the Code of Federal Regulations; and as to application for patents or inventor's certificate on the invention filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns,

no such applications have been filed, or

such applications have been filed as follows:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

COUNTRY	APPLICATION NO.	DATE OF FILING (month, day, year)	DATE OF ISSUE (month, day, year)	PRIORITY CLAIMED UNDER 35 USC 119	<input type="checkbox"/> Additional provisional application numbers on a supp riority da PTO/SB/C attached

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

(Application Number) (Filing Date) (Status - patented, pending, abandoned)

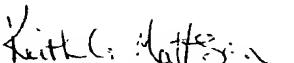
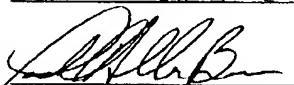
(Application Number) (Filing Date) (Status - patented, pending, abandoned)

POWER OF ATTORNEY: - I/we hereby appoint the following Practitioners: Customer No. 28549, Kevin G. Mierzwa - 3 my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office and all foreign Patent Offices.

Address all correspondence and telephone calls to:

Kevin G. Mierzwa
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statement jeopardize the validity of the application or any patent issuing thereon.

NAME AND MAILING ADDRESS OF INVENTOR:	RESIDENCE	CITIZENSHIP	SIGNATURE
Keith Glenn Mattson 30650 Rayburn St. Livonia, MI 48154 US	Livonia, MI 48154 US	U.S.A	
Todd Allen Brown 233 N. Mildred St. Dearborn, Mi. 48128 US	Dearborn, Mi. 48128 US	U.S.A	

PATENT APPLICATION

ASSISTANT COMMISSIONER FOR PATENTS
Washington, D. C. 20231

Case Docket No. 201-1535
Date, October 9, 2002

Sir:

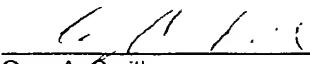
Inventor(s):

Keith Mattson
Todd Brown

For: **TIRE SIDE SLIP ANGLE CONTROL FOR AN AUTOMOTIVE VEHICLE USING STEERING PEAK SEEKING ACTUATORS**

The attorney or agent below has reviewed this application and its attachments and consents to electronic filing by the assignee.

Respectfully submitted:



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Attorney or Agent of Record
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PTO/SB/08A (10-96) [MODIFIED]

Approved for use through 10/31/99 OMB 0651-0031

Approved for use through January 2007 GPO 0001-0001
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Substitute for Form 1449A/PTO		Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	Unassigned
(use as many sheets as necessary)		Filing Date	Filed Herewith
		First Named Inventor	Keith G. Mattson
		Group Art Unit	
		Examiner Name	
Sheet	1	of	1
Attorney Docket Number			201-1535 (FGT-1609 PA)

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered
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***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible. ⁶ Applicant is to place a check mark here if English translation is attached.

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Substitute for Form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	Unassigned
				Filing Date	Filed Herewith
				First Named Inventor	Keith G. Mattson
				Group Art Unit	
				Examiner Name	
Sheet	1	Of	1	Attorney Docket Number	201-1535 (FGT 1609 PA)

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	1	Yasuo Shimizu, Toshitake Kawai, Junji Yuzuriha - Improvement in Driver-Vehicle System Performance by Varying Steering Gain with Vehicle Speed and Steering Angle: VGS (Variable Gear-Ratio Steering System) SAE Technical Paper 1999-01-0395	

Examiner Signature	Date Considered
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¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

²Unique citation designation number ³Applicant is to place a check mark here if English language Translation is attached.

FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

Patent fees are subject to annual revisions on or about October 1st of each year.

Large Entity

TOTAL FEES AUTHORIZED: \$ 820

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 06-1510



Deposit Account Name: 06-1510

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

SUBMITTED BY

Authorized Name: Saundra M. Lewis

Electronic Signature Mark: /sml

Date Signed: 20021015

BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	1001	\$ 740

Subtotal For Basic Filing Fee: \$ 740

EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 15	1202	\$ 18	0	\$ 0
Independent Claims: 3	1201	\$ 84	0	\$ 0

Subtotal For Extra Claims Fees: \$ 0

ADDITIONAL FEES

Fee Description	Number	Quantity	Fee Code	Amount	Fee Paid
Recording Each Patent Assignment Per Property Fee	00000000	1	8021	\$ 40	\$ 40
Recording Each Patent Assignment Per Property Fee	00000000	1	8021	\$ 40	\$ 40

Subtotal For Additional Fees: \$ 80